



**SGS INTRON**

**BITUMEN/ASPHALT TESTING SERVICES**

**SGS**



## SGS INTRON BITUMEN/ASPHALT TESTING SERVICES

Our experts, in the field of material science, engineering, chemistry, mineralogy and geology, test bitumen and asphalt to industry standards and specific customer requirements. Below we provide a list of common tests, but feel free to contact us regarding any of these or other testing requests.

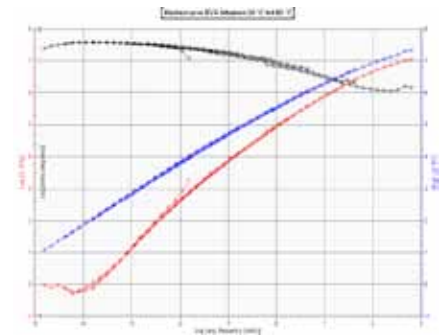
### BITUMEN

- Penetration EN 1426
- Softening point (Ring and ball) EN 1427
- Solubility EN 12592
- Fraass breaking point EN 12593
- Viscosity, 135°C EN 12595
- Viscosity, 60°C EN 12596
- Paraffin content EN 12606-1
- Resistance to hardening, RTFOT, change of mass EN 12607-1
- Resistance to hardening, TFOT, change of mass EN 12607-2
- Density EN 15326
- Flashpoint, Cleveland open Cup ISO 2592
- Flashpoint, Pensky-Martens ISO 2719
- Elastic recovery EN 13398
- Ductility EN 13589
- Dynamic shear EN 14770
- SARA analysis *latroscan*

### ASPHALT

- Thickness EN 12697-36
- Bitumen content EN 12697-1
- Density mixture EN 12697-5
- Density EN 12697-6,7
- Voids EN 12697-8
- Compactibility EN 12697-10
- Affinity between aggregate and bitumen EN 12697-11
- Water sensitivity EN 12697-12
- Indirect tensile strength EN 12697-23

- Resistance to fatigue EN 12697-24
- Stiffness EN 12697-26
- Impact/gyratory compactor EN 12697-30,31
- Stability, flow and Marshall quotient EN 12697-34
  
- PAH (VROM and EPA), HPLC AP04-SB-VII, SGS Intron
- PAH (VROM and EPA), GC/MS AP04-SB-VII, NEN 7331
- Leaching behaviour AP04-U/E, CEN Technical Specifications



### SPECIAL TESTING POSSIBILITIES

Artificial ageing methods: UV, Ozone, Temperature, freeze thaw cycles, salt spray  
 Infrared spectroscopy, microscopy, petrographic analysis and numerous chemical analyses

The SGS INTRON laboratory is accredited by the Dutch Accreditation Council (RvA) to perform tests according to CROW 210.

### CONTACT

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